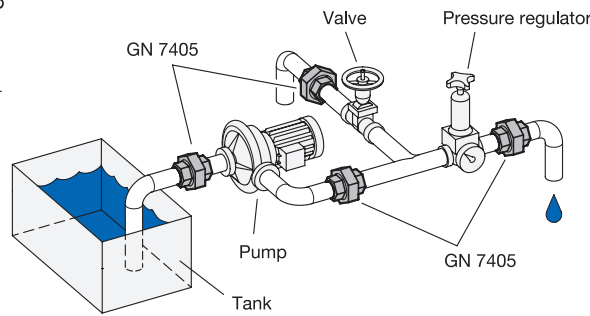


Application examples



SS Stainless Steel

3 Type

- A** Fitting with internal thread on both ends
- B** Fitting with internal / external thread

Metric table

Dimensions in: millimeters - inches

d Pipe thread	Mesh size in µm		e	l ₁	l ₂	l ₃	l ₄	l ₅	s ₁	s ₂	Differential pressure Δ 1 bar Flow volume in l/min			
	100 µm	500 µm									Water		Hydraulic oil (HPL 46)	
	100	500									100 µm	500 µm	100 µm	500 µm
G 3/8	100	500	40 1.57	36.5 1.44	12 0.47	21 0.83	12 0.47	45 1.77	36 1.42	22 0.87	21	25	7	18
G 1/2	100	500	45 1.77	40 1.57	13 0.51	23 0.91	14 0.55	49 1.93	41 1.61	26 1.02	48	61	15.5	38.5
G 3/4	100	500	55 2.17	46 1.81	15 0.59	25 0.98	16 0.63	55 2.17	50 1.97	34 1.34	96	104	30	77.5

Specification

- Body
Stainless steel AISI 304 **NI**
- Strainer
Stainless steel mesh AISI 304
- Strainer bezel
Plastic
Technopolymer (Polyamide PA)
- Glass fiber reinforced
- Temperature resistant up to 212 °F (100 °C)
- O-ring
Rubber NBR (Perbunan®)
- *Plastic Characteristics* → page 2135
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

Information

GN 7405 strainer fittings are designed for assembly into pipeline systems as upstream or downstream protection devices.

Particles carried by fluid or gaseous media can be prevented from passing through, depending on the mesh size. Units or housing interiors are thereby protected from foreign objects, which could impair function or service life due to their size.

The body is mounted by means of a connecting nut, making assembly / disassembly easier and allowing the strainer to be exchanged if necessary.

Strainers for replacement or maintenance are available under series GN 7403.1.

Accessory

- Strainers GN 7403.1 → page 1711

How to order	
1 Material	NI
2 Pipe thread d	G3/8
3 Type	A
4 Mesh size	100